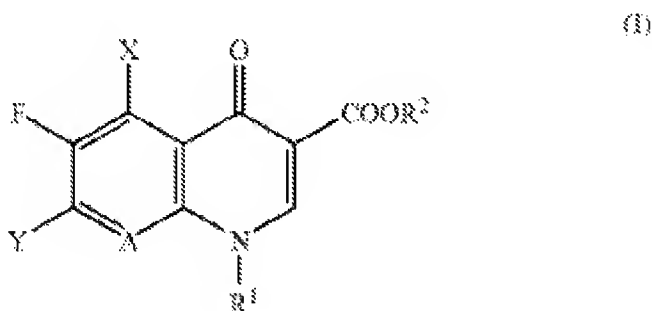


Amendments to the Claims

This listing of the claims will replace all prior versions and listing of claims in this application.

Listing of Claims

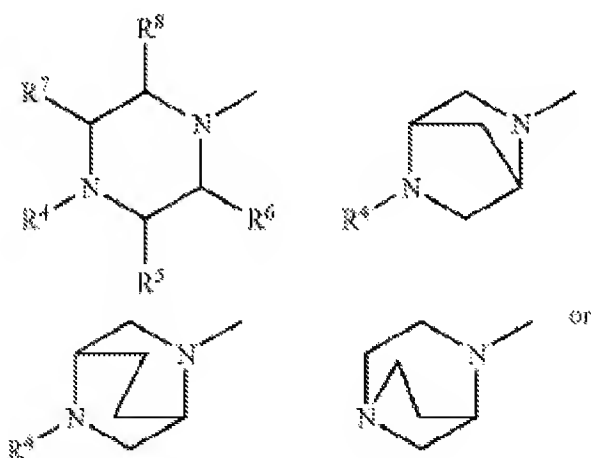
1. (Currently amended) A method for the systemic treatment of bacterial infections of the oral cavity comprising administering to a human or an animal an effective amount of
 - a. **an 8-cyanoquinolone antibiotics, wherein the 8-cyanoquinolone antibiotics are compounds of the formula (I):**

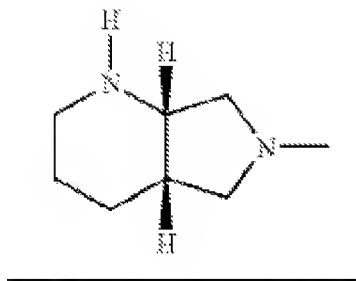


in which

X represents hydrogen, halogen, C₁₋₄-alkyl, C₁₋₄-alkoxy, NH₂,

Y represents radicals of the structure





in which

R⁴ represents optionally hydroxyl- or methoxy-substituted straight-chain or branched C₁₋₄-alkyl, cyclopropyl, acyl having 1 to 3 carbon atoms,

R⁵ represents hydrogen, methyl, phenyl, thienyl or pyridyl,

R⁶ represents hydrogen or C₁₋₄-alkyl,

R⁷ represents hydrogen or C₁₋₄-alkyl,

R⁸ represents hydrogen or C₁₋₄-alkyl, and

R¹ represents an alkyl radical having 1 to 3 carbon atoms, cyclopropyl, 2-fluoroethyl, methoxy, 4-fluorophenyl, 2,4-difluorophenyl or methylamino,

R² represents hydrogen or optionally methoxy- or 2-methoxyethoxy-substituted alkyl having 1 to 6 carbon atoms and also cyclohexyl, benzyl, 2-oxopropyl, phenacyl, ethoxycarbonylmethyl, pivaloyloxymethyl,

A represents =C(CN), or their pharmaceutically acceptable salts and hydrates, or

b. quinolone antibiotics selected from the group consisting of:
garenoxacin, marbofloxacin, ibafloxacin, danofloxacin, difloxacin
and orbifloxacin

2. (Canceled).

3. (Previously presented) The method of claim 1, wherein the 8-cyanoquinolone antibiotic is Pradofloxacin.

4. (Previously presented) The method of claim 1, wherein the infections of the oral cavity are gingivitis, stomatitis, parodontitis and/or abscesses of the oral cavity.
5. (Previously presented) The method of claim 1, wherein the bacterial infections are mainly caused by bacteria of the group consisting of Porphyromonas spp., Prevotella spp., Bacteroides spp., Actinobacillus actinomycetemcomitans, Fusobacterium spp., Peptostreptococcus spp., Eikenella corrodens, Capnocytophaga ochracea, Campylobacter rectus.
6. (New) The method of claim 3, wherein the infections of the oral cavity are gingivitis, stomatitis, parodontitis and/or abscesses of the oral cavity.
7. (New) The method of claim 3, wherein the bacterial infections are mainly caused by bacteria of the group consisting of Porphyromonas spp., Prevotella spp., Bacteroides spp., Actinobacillus actinomycetemcomitans, Fusobacterium spp., Peptostreptococcus spp., Eikenella corrodens, Capnocytophaga ochracea, Campylobacter rectus.